

Maintenance Mechanic

California State Personnel Board Specification

- **Schematic Code:** QA10
- **Class Code:** 6940
- **Established:** 07/23/1934
- **Revised:** 06/28/1988
- **Title Changed:** 08/03/1956

Definition

Under general direction, to perform miscellaneous skilled work in the maintenance, alteration, and repair of buildings and mechanical systems; may instruct, lead, or supervise inmates, wards, or resident workers; and to do other related work.

Job Characteristics

Positions in this class require the independent performance of a wide variety of skilled maintenance tasks. Technical supervision at the supervisor level is rarely available. Positions generally exist at small institutions or in agencies where technical supervision is rarely available.

Typical Tasks

Inspects, maintains, and repairs plumbing, heating, water, and sewer systems; does electrical maintenance and repair work; repairs laundry, farm, shop, and automotive equipment; does miscellaneous minor building construction and repair work; does miscellaneous interior and exterior painting; refinishes furniture; estimates and requisitions materials and supplies; keeps tools and equipment in good condition; keeps records and prepares reports.

Minimum Qualifications

Either I

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Completion of a recognized apprenticeship in a mechanical trade. (Apprentices who are within six months of completing their apprenticeship program may be admitted to the examination, but must present evidence of completion prior to appointment.)

Or II

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Three years of varied experience as a Building Maintenance Worker in California state service, which must have included experience working in at least three of the following areas: electrical, plumbing, heating, water and power systems; repairing various mechanical and automotive equipment; and performing minor building construction, repair and painting. and Education: Completion of 576 hours of formalized technical instruction relating to Maintenance Mechanic offered by such established programs as: Job Corps; Skill Centers; ROP; Trades Schools; Military; and JTPA (Joint Training Partnership Act). (An Associate of Arts Degree or Certificate of Completion in Mechanical Technology from a California Community College, which must have included at least 12 semester units of instruction in mechanical trades courses, may be substituted for the 576 hours of the technical instruction.) Students who are within six months of completing their degree will be admitted to the examination but they must present evidence of completion prior to appointment. (Two additional qualifying years of experience may be substituted for required education.)

Or III

Four years of varied experience in the Mechanical Trades which must have included experience working in at least three of the following areas: electrical, plumbing, heating, water and sewer systems; repairing various mechanical and automotive equipment; and performing minor building construction, repair and painting. and

Education: Completion of 576 hours of formalized technical instruction relating to Maintenance Mechanic offered by such established programs as: Job Corps; Skill Centers; ROP; Trades Schools; Military; and JTPA (Joint Training Partnership Act). (An Associate of Arts Degree or Certificate of Completion in Mechanical Technology from a California Community College, which must have included at least 12 semester units of instruction in mechanical trades courses, may be substituted for the 576 hours of the technical instruction.) Students who are within six months of completing their degree will be admitted to the examination but they must present evidence of completion prior to appointment. (Two additional qualifying years of experience may be substituted for required education.)

Knowledge and Abilities

Knowledge of: Methods, materials, and equipment used in the operation and repair of plumbing, heating, electrical, water, and sewer systems; materials, methods, and tools used in the repair of mechanical equipment and in miscellaneous building maintenance and repair work and skill in the performance of such work; Safety Orders of the Division of Industrial Safety dealing with heating, electrical, plumbing, and other mechanical systems.

Ability to: Read, interpret, and work from plans, drawings, and specifications; estimate materials needed; keep records; follow oral and written directions; get along well with others; read and write at a level appropriate to the classification.

Special Personal Characteristic

Superior mechanical ability.